

## FINAL QUALIFICATION AS EMERGENCY TUG MASTER

NAME : \_\_\_\_\_

This page is to be used as a record of satisfactory completion of the Job Qualification Requirements (JQR) for the above watch station. Only specified qualifiers may signify completion of applicable sections either by written or oral examination, or by observation of performance. Should qualifiers "give away" their signatures, unnecessary difficulties can be expected in future operations.

This JQR Card is to be maintained by the Trainee and reviewed periodically to ensure awareness of progress. Upon completion of this JQR Card, it is to be filed in Trainee's Training Record.

Trainee has been indoctrinated in the JQR and has been assigned a target completion date of: .

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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## FINAL QUALIFICATION

Having observed satisfactory performance, it is recommended the trainee be designated a qualified EMERGENCY TUG MASTER.

RECOMMENDED \_\_\_\_\_ DATE \_\_\_\_\_  
(Tug Master #1)

RECOMMENDED \_\_\_\_\_ DATE \_\_\_\_\_  
(Tug Master #2)

RECOMMENDED \_\_\_\_\_ DATE \_\_\_\_\_  
(Senior Harbor Pilot)

RECOMMENDED \_\_\_\_\_ DATE \_\_\_\_\_  
(Port Operations Officer)

QUALIFIED \_\_\_\_\_ DATE \_\_\_\_\_  
(Commanding Officer)

WATCH STATION - EMERGENCY TUG MASTER  
Estimated completion time: six months

TASKS

1. Indicate familiarities with Naval Station Norfolk, berths, dry docks; the piers and wharves; and locally used harbor navigational aids and charts.

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

2. Demonstrate complete knowledge of all tugboat signals including hand signals.

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

3. Demonstrate familiarity with tug make-ups for the following:

a. SSN mooring/underway.

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

b. SSN docking/undocking dry dock.

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

c. SSN "dead stick" moves in power make-up.

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

4. Discuss the effects of the following on steering of tug.

- (1) Wind
- (2) Current
- (3) Going alongside another vessel
- (4) Following seas
- (5) Shallow water
- (6) Bank cushion/Bank suction

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

5. Discuss the procedure for loss of Z-Drives.

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

6. Discuss the following characteristics of the Tractor/ASD Tug

- (1) Overall length
- (2) Beam
- (3) Fuel capacity
- (4) Height from the waterline

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(5) Horsepower, bollard pull, ahead, astern

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

7. Make the following approaches under instruction (two each).

(1) Pier landing

(2) Alongside a YD/SWOB/YC

(3) Other vessel of opportune

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2

8. Tug handling and operating (two each).

(1) Ship/Submarine

(2) Cold Iron move (submarine)

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #1

Completed \_\_\_\_\_ Date \_\_\_\_\_  
Tug Master #2